L	Hits	Search Text	DB	Time etamn
Number			DB	Time stamp
1	1	("20030073295").PN.	USPAT;	2003/11/12
2	1	("20030001242").PN.	US-PGPUB USPAT;	14:16 2003/11/12
1 -	1 -	(20030001242).FN.	US-PGPUB	14:26
3	13	(HSG or (hemispheric adj grain adj	USPAT;	2003/11/12
		polysilicon)) and (GeSbTe or chalcogenide	US-PGPUB	15:17
4	0	or (phase adj change))	l	
1	"	(HSG or (hemispheric adj grain adj polysilicon)) and (GeSbTe or chalcogenide	EPO; JPO; DERWENT;	2003/11/12
		or (phase adj change))	IBM TDB	13.17
5	0	(HSG or (hemispherical adj grained adj	EPO; JPO;	2003/11/12
i		polysilicon)) and (GeSbTe or chalcogenide	DERWENT;	15:17
6	1.3	or (phase adj change)) (HSG or (hemispherical adj grained adj	IBM_TDB USPAT;	2003/11/12
ľ	13	polysilicon)) and (GeSbTe or chalcogenide	US-PGPUB	15:17
l		polysilicon)) and (GeSbTe or chalcogenide or (phase adj change))		-
7	0	((HSG or (hemispherical adj grained adj	USPAT;	2003/11/12
l		polysilicon)) and (GeSbTe or chalcogenide or (phase adj change))) not ((HSG or	US-PGPUB	15:17
Ì	1	(hemispheric adj grain adj polysilicon))		
ļ	1	and (GeSbTe or chalcogenide or (phase adj	ŀ	(
	0455-	change)))	l	
8	24615	(GeSbTe or chalcogenide or (phase adj	USPAT; US-PGPUB	2003/11/12
9	7346	((GeSbTe or chalcogenide or (phase adj	USPAT;	2003/11/12
	1	change))) and (dielectric or insulative	US-PGPUB	15:24
١		or insulator or insulating)		
10	12	(((GeSbTe or chalcogenide or (phase adj change))) and (dielectric or insulative	USPAT; US-PGPUB	2003/11/12 15:24
1	ì	or insulator or insulating)) and HSG	US-FGFUB	13.24
11	0	(((GeSbTe or chalcogenide or (phase ad)	USPAT;	2003/11/12
1		change))) and (dielectric or insulative	US-PGPUB	15:24
		or insulator or insulating)) and HSG) not		1
		((HSG or (hemispherical adj grained adj polysilicon)) and (GeSbTe or chalcogenide		
1	1	or (phase adj change)))		i i
12	2161	(((GeSbTe or chalcogenide or (phase adj	USPAT;	2003/11/12
		change))) and (dielectric or insulative or insulator or insulating)) and (bond or	US-PGPUB	15:25
	1	bonding)		1
15	1802	(((GeSbTe or chalcogenide or (phase adj	USPAT;	2003/11/12
		change))) and (dielectric or insulative	US-PGPUB	15:27
	į .	or insulator or insulating)) and (bond or bonding)) and @ad<20011231		
16	486	(((((GeSbTe or chalcogenide or (phase ad)	USPAT;	2003/11/12
		change))) and (dielectric or insulative	US-PGPUB	15:34
		or insulator or insulating)) and (bond or	1	
17	0	bonding)) and @ad<20011231) and memory (((((GeSbTe or chalcogenide or (phase	USPAT;	2003/11/12
- '	١ ،	adj change))) and (dielectric or	US-PGPUB	15:34
		insulative or insulator or insulating))		
1		and (bond or bonding)) and @ad<20011231)	1	1
18		and memory) and hsg ((((((GeSbTe or chalcogenide or (phase	USPAT;	2003/11/12
1	"	adj change))) and (dielectric or	US-PGPUB	15:35
		insulative or insulator or insulating))		
		and (bond or bonding)) and @ad<20011231)		
1		and memory) and (hemispherical adj grained)		
19	o	(TeGeSb or GeSbTe) and (hemispherical adj	USPAT;	2003/11/12
		grained)	US-PGPUB	15:36
20	1	(phase with change) and (hemispherical	USPAT;	2003/11/12
21	0	adj grained) (phase with change) and (hemispherical	US-PGPUB EPO; JPO;	15:37
1) "	adj grained)	DERWENT;	15:53
		· ·	IBM_TDB	
23	2	(adhesion with (hemispherical adj	EPO; JPO;	2003/11/12
		grained))	DERWENT; IBM TDB	15:55
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24	1	(adhesion with	(hemispherical adj	USPAT;	2003/11/12
25	3		(hemispherical adj	US-PGPUB USPAT;	15:55 2003/11/12
1	1	grained))		US-PGPUB	15:56

DERWENT-ACC-NO: 1999-287070

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TITLE: Manufacture of a stacked capacitor

structure for a DRAM

cell

----- KMIC -----

Basic Abstract Text - ABTX (1):

NOVELTY - A stacked capacitor structure for a DRAM cell is manufactured using hemispherical grained polysilicon covered by a thin heavily doped polysilicon layer for improved adhesion and reduced capacitor depletion.

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